

OIPE

(2)

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/923,760

DATE: 08/14/2001

TIME: 12:35:47

Input Set : A:\Attorney docket 7814.45.txt

Output Set: N:\CRF3\08142001\I923760.raw

ENTERED

3 <110> APPLICANT: Mrksich, Milan
 4 Hodneland, Christian
 6 <120> TITLE OF INVENTION: POLYPEPTIDE IMMOBILIZATION
 8 <130> FILE REFERENCE: 7814/45
 10 <140> CURRENT APPLICATION NUMBER: US/09/923,760
 10 <141> CURRENT FILING DATE: 2001-08-07
 10 <160> NUMBER OF SEQ ID NOS: 5
 12 <170> SOFTWARE: PatentIn version 3.1
 14 <210> SEQ ID NO: 1
 15 <211> LENGTH: 42
 16 <212> TYPE: DNA
 17 <213> ORGANISM: Artificial Sequence ✓
 19 <220> FEATURE:
 20 <223> OTHER INFORMATION: Primer sequence, Exon1F, for F. solani cutinase gene ✓
 22 <400> SEQUENCE: 1
 23 gccacggcca tgggcctgcc tacttctaac cctgcccagg ag 42
 26 <210> SEQ ID NO: 2
 27 <211> LENGTH: 38
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Artificial Sequence ✓
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: Primer sequence, Exon1B, for F. solani cutinase gene ✓
 34 <400> SEQUENCE: 2
 35 ccggtaccca agttgccgt ctctgttgaa cctcgggc 38
 38 <210> SEQ ID NO: 3
 39 <211> LENGTH: 38
 40 <212> TYPE: DNA
 41 <213> ORGANISM: Artificial Sequence ✓
 43 <220> FEATURE:
 44 <223> OTHER INFORMATION: Primer sequence, Exon2F, for F. solani cutinase gene ✓
 46 <400> SEQUENCE: 3
 47 ccggtaccct cggctcctagc attgcctcca accttgag 38
 50 <210> SEQ ID NO: 4
 51 <211> LENGTH: 36
 52 <212> TYPE: DNA
 53 <213> ORGANISM: Artificial Sequence ✓
 55 <220> FEATURE:
 56 <223> OTHER INFORMATION: Primer sequence, Exon2B, for F. solani cutinase gene ✓
 58 <400> SEQUENCE: 4
 59 ccgggatacct caagcagaac cacggacagc ccgaac 36
 62 <210> SEQ ID NO: 5
 63 <211> LENGTH: 2769
 64 <212> TYPE: DNA
 65 <213> ORGANISM: Fusarium solani
 67 <400> SEQUENCE: 5
 68 agtggaaagg gagccgtgtg gaggcacaag aagctgaaaa aaccgaggtc aaaagacctg 60
 70 ctgaatagtt tgtcactgag atgagatggg aacggcatga aatcttgggc cttattctga 120

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/923,760

DATE: 08/14/2001

TIME: 12:35:47

Input Set : A:\Attorney docket 7814.45.txt

Output Set: N:\CRF3\08142001\I923760.raw

```

72 caccatcgcc tccttcctgg tacgccttgc atcaaaagag agggttctac cccctaaaag 180
74 cacagctcga atgaaattcc catttgagta gatccaacga tgctccgtgt ttctctaggt 240
76 tgggtaggca ggttgaccca cccatgatga gcggcagggt caggtaggtc ggtaaatatc 300
78 cgagccgctg atttgcggtg gaacgagtc aagcttgcca tgatctgttg atctcaaac 360
80 cctccaatca cgtaaagag gcactcgtaa aagtcctccg atgcctctcc accatcaggt 420
82 aggtggtgtc tatgcgcgt ctgacactct tcgcaagggt taacagaata ggcaaagcgg 480
84 ccttcccagag gtttcatctc taaaacaaaa ctacagcttg tcaaagtgc agctgaacag 540
86 ccgatattcg ctgattgggc tctttcatgt ttgcgggaac gttccatcta ccggttttagc 600
88 gatcggcacg ggttgcaact agaagcggaa gagcttgccg ggaggggac ggggtggtt 660
90 cctgaagcga ctagggttgc tgaactatc acgactcata gctgcgagcg catggtccag 720
92 tatcaagagt tttagcgtcc ttgatgaaa actgccctc tcttgacgt agaaaccgag 780
94 gaaatggatc gcgagccgag gctcgatttc agagcttggc cgatgatagt ttcatctgtt 840
96 caagcttaaa tatcgttgtt ccagaccact gggaacggaa ccagacaacc acacatacct 900
98 tcacttcac aacattcact tcaactcttc gcctcttctt tttaactctt tatcactctc 960
100 accatgaaat tcttcgtctt caccacactt ctgcgcgcca cggcttcggc tctgctact 1020
102 tctaaccctg cccaggagct tgaggcgcgc cagcttggtg gaacaactcg cgacgatctg 1080
104 atcaacggca atagcgcttc ctgcgcgat gtcacttcca tttatgcccg aggttcaaca 1140
106 gagacgggca acttggttcg tagaatttct tctcatgaca acatcacttt tcttacacat 1200
108 ccattaggga actctcggtc ctagcattgc ctccaacctt gagtcgcct tcggcaagga 1260
110 cgggtgtctg attcaggggc ttggcgggtc ctacgcagcc actcttgag acaatgctct 1320
112 ccctcgcgga acctctagcg ccgcaatcag ggagatgctc ggtctcttcc agcaggccaa 1380
114 caccaagtgc cctgacgcga ctttgatcgc cgggtggtac agccagggtg ctgcaactgc 1440
116 agccgcctcc atcgaggacc tcgactcggc cattcgtgac aagatcgccg gaactgttct 1500
118 gttcggctac accaagaacc tacagaaccg tggccgaatc cccaactacc ctgccgacag 1560
120 gaccaaggtc ttctgcaata caggggatct cgtttgtact ggtagcttga tcgttgctgc 1620
122 acctcacttg gcttatggtc ctgatgctcg tggccctgcc cctgagttcc tcatcgagaa 1680
124 ggttcgggct gtcgtgggt ctgcttgagg aggatgagaa ttttagcagg cgggcctgtt 1740
126 aattattgag aggtttcaag tttttctttt ggtgaatagc catgatagat tggttcaaca 1800
128 ctcaatgtac tacaatggcc catagtttca aattaaagaa gcaatgaatg gtgatctaca 1860
130 tatcgctttg cccaagaaat cccaaccagg cttccatacc ctgagccagt tgagcacaaa 1920
132 tttcgtgccc tctgctgagc ttgccaggaa aggtcgatac ataaaccggc cttgacagac 1980
134 agggcgctac ctgcacgaat tgggtccgcc aggtgtgcgc tcaaggcgaa gttcgcgat 2040
136 ttatagacca cctctcattc ccacatgca catctgtccc tgactcgcct tctccatcaa 2100
138 taacaccgag attggttaca atccaggata gctcgcgata cctctttgct tgatctccgt 2160
140 gatactcctg ccaatcatgc actagcttca tcaagccaac aatgttggtt ttcaggccgg 2220
142 cgttcaacct ttctcgata tccccaggg agaccttgat gcggaccata tctccctctc 2280
144 aagatcacgg acaggttggt tttcccagtt gttggccggg gctgtggctc gaatatccgc 2340
146 aactaggctg gagtcaaacg tatggtggat agtcgacacg cagttctgca ccttccgttg 2400
148 ggtctcagct gcattgcctt tttcggggtg catgaatctc cgtggtcca ttgcagtaga 2460
150 ggcggtgaaa ggcggggcct tcttttcagg gacgtagcaa gcctaaacat gctagcctga 2520
152 tgccgtgaag aagaccagtt agagtggtag catgctgacg acaggcacca agaatgcgac 2580
154 aaagagctgc atttggtatg taaaagaagt tgtctgggaa gcatatgacc cgagttgaag 2640
156 aggagccac gtggcctttg ccgacttggg ggagagtaac gatggaccga aggtatgcca 2700
158 tacttgtgaa aaagcaaacc cgagagttat ggggtgtttg gccaaactct cctgaggaag 2760
160 agggagatc 2769

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/923,760

DATE: 08/14/2001

TIME: 12:35:48

Input Set : A:\Attorney docket 7814.45.txt

Output Set: N:\CRF3\08142001\I923760.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date